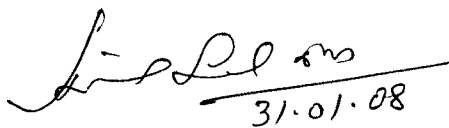


DECLARATION

I hereby declare that this thesis is the result of my own research work, carried out by me under the supervision of my research guide Dr. H. L. Das, Professor (Rtd.), Department of Physics, Gauhati University, Guwahati. The results quoted from other workers have properly been referred to. I would like to declare that this thesis as a whole or any part thereof has not been submitted by me for the award of any degree, to this University or any other University or Institution.

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